## CLAIMS

What is claimed is:

1 1. A method, comprising:

2 providing binary information to be transferred in synchronizing a server and a

3 synchronization client associated with a handheld device;

4 compressing the binary information;

5 encoding compressed binary information using a text encoder;

6 encoding text encoded information according to a protocol associated with a

7 connection between the server and the synchronization client.


1 2. The method of claim 1, wherein the binary information is compressed using a

2 Zip compression utility.


1 3. The method of claim 1, wherein the text encoder comprises a Base-64

2 encoder.


1 4. The method of claim 1, wherein the protocol is the hypertext transfer protocol.


1 5. The method of claim 1, wherein the binary information comprises database

2 data stored on the server.


1 6. The method of claim 1, wherein the binary information comprises metadata

2 stored on the server.

1   7.    The method of claim 1, wherein the binary information comprises transaction

2   information stored on the handheld device.

1   8.    The method of claim 1, wherein providing the binary information to be

2   transferred further comprises parsing the binary information into smaller units.

1   9.    An apparatus, comprising:

2        means for providing binary information to be transferred in synchronizing a

3   server and a synchronization client associated with a handheld device;

4        means for compressing the binary information;

5        means for text encoding compressed binary information;

6        means for encoding text encoded information according to a protocol

7   associated with a connection between the server and the synchronization client.

1   10.    The apparatus of claim 9, wherein the means for compressing binary

2   information comprises a Zip compression utility.

1   11.    The apparatus of claim 9, wherein the means for text encoding comprises a

2   Base-64 encoder.

1   12.    The apparatus of claim 9, wherein the protocol is the hypertext transfer

2   protocol.

1   13.    The apparatus of claim 9, wherein the binary information comprises database

2   data stored on the server.

1    14.    The apparatus of claim 9, wherein the binary information comprises metadata

2    stored on the server.


1    15.    The apparatus of claim 9, wherein the binary information comprises

2    transaction information stored on the handheld device.


1    16.    The apparatus of claim 9, wherein the means for providing binary information

2    to be transferred further comprises means for parsing the binary information into

3    smaller units.


1    17.    A machine-readable medium having stored thereon a plurality of instructions

2    that when executed by a server cause the server to perform operations comprising:

3           providing binary information to be transferred in synchronizing the server and

4    a synchronization client associated with a handheld device:

5           compressing the binary information;

6           encoding compressed binary information using a text encoder;

7           encoding text encoded information according to a protocol associated with a

8    connection between the server and the synchronization client.


1    18.    The machine-readable medium of claim 17, wherein the binary information is

2    compressed using a Zip compression utility.


1    19.    The machine-readable medium of claim 17, wherein the text encoder

2    comprises a Base-64 encoder.

1  20.  The machine-readable medium of claim 17, wherein the protocol is the

2  hypertext transfer protocol.


1  21.  The machine-readable medium of claim 17, wherein the binary information

2  comprises database data stored on the server.


1  22.  The machine-readable medium of claim 17, wherein the binary information

2  comprises metadata stored on the server.


1  23.  The machine-readable medium of claim 17, wherein providing the binary

2  information to be transferred further comprises parsing the binary information into

3  smaller units.


1  24.  A machine-readable medium having stored thereon a plurality of instructions

2  that when executed by a handheld device cause the handheld device to perform

3  operations comprising:

4      providing binary information to be transferred in synchronizing a server and a

5  synchronization client associated with the handheld device:

6      compressing the binary information;

7      encoding compressed binary information using a text encoder;

8      encoding text encoded information according to a protocol associated with a

9  connection between the server and the synchronization client.


1  25.  The machine-readable medium of claim 24, wherein the binary information

2  comprises transaction information stored on the handheld device.

1    26.    The machine-readable medium of claim 24, wherein providing the binary

2    information to be transferred further comprises parsing the binary information into

3    smaller units.

1    27.    A handheld device, comprising:

2        a memory;

3        a local database stored in the memory;

4        a user interface coupled to the local database;

5        a transaction recorder coupled to the local database, wherein the transaction

6    recorder to record information related to changes made to the local database by a

7    user of the handheld device via the user interface; and

8        a data importer coupled to the local database, wherein the data importer to

9    decompress database data receivable from a separate computing device to

10    synchronize the local database with the separate computing device, the database

11    data being binary information that the separate computing device:

12           compressed,

13           encoded using a text encoder, and

14           encoded according to a protocol associated with a connection between

15    the separate computing device and the handheld device

1    28.    The handheld device of claim 27, wherein the binary information is

2    compressed using a Zip compression utility.

1    29.    The handheld device of claim 27, wherein the text encoder comprises a

2    Base-64 encoder.

1    30.    The handheld device of claim 27, wherein the protocol is the hypertext

2    transfer protocol.

1    31.    The handheld device of claim 27, wherein the binary information comprises

2    database data stored on a server.

1    32.    The handheld device of claim 27, wherein the binary information comprises

2    metadata stored on a server.